Diane Camejo

Science Methods

**Unit Materials:**

**“Global Warming – A Study in Change”**

**Primary Resources**:

* **Artifact** - Pieces of dead coral reef – how global warming threatens coral reefs
* **Lab Experiment/Activity** – “The Greenhouse Effect in a Jar” see website for materials and instructions, <http://sln.fi.edu/tfi/activity/earth/earth-5.html>
* **Documentary Movie** - “An Inconvenient Truth” (2006), a documentary on Al Gore’s campaign to make the issue of global warming a recognized problem worldwide, directed by Davis Cuggenheim

**Secondary Resources:**

* **Fictional Children’s Book** – “The Polar Bears’ Home: A Story about Global Warming” by Lara Bergen
* **Interactive Informational Website** – “Join NASA’s Earth Observatory Team in an investigation into the causes and effects of global warming…”, student activities and teacher’s guide, <http://earthobservatory.nasa.gov/Experiments/PlanetEarthScience/GlobalWarming/index.php>
* **Informational Website –** U.S. Environmental Protection Agency’s Climate Change website, information on climate change communities, individuals, businesses, states, localities and governments, <http://epa.gov/climatechange/>
* **Non-Fiction Children’s Book** – “The Climate Crisis: An Introductory Guide to Climate Change” by David Archer and Stefan Rahmstorf
* **Article** – The New York Times - “Global Warming”, [http://topics.nytimes.com/top/news/science/topics/globalwarming/index.html#](http://topics.nytimes.com/top/news/science/topics/globalwarming/index.html)

**Technology Resources:**

* **YouTube video** – “Greenhouse Effect: Climate Control and Global Warming” <http://www.youtube.com/watch?v=RGIllMbG22Y>
* **Website** – “United States Environmental Protection Agency: A Student’s Guide to Global Warming” <http://www.epa.gov/climatechange/kids/>
* **WebQuest** – “Global Warming: Fact or Fiction?”, students take on the role of being scientific advisors to the President of the U.S. <http://www.schools.manatee.k12.fl.us/291MMASFERRER/mmasferrer/global_warming_webquest.html>